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Vocabulary Builder Reference from...

Birke Baehr: What's wrong with our food system |

TED Talk

https://www.ted.com/talks/birke_baehr_what_s_wron

[g_with_our_food_system](https://www.ted.com/talks/birke_baehr_what_s_wron)

All Words

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Session 1: Word List

amaze

v. to fill with wonder, surprise, or admiration

synonym: astound, surprise, stagger

(1) **amaze** and entertain visitors, (2) **amaze** everyone

The magician's tricks **amazed** the audience.

advertise

v. to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it

synonym: publicize, announce, promote

(1) **advertise** the campaign, (2) **advertise** on social media

We want to **advertise** our company through your media.

corporation

n. a large company or group of companies that are controlled together by law as a single unit

synonym: business, company, enterprise

(1) a public **corporation**, (2) **corporation** assets

Four companies were amalgamated into a single **corporation**.

par

n. a state of being equal to someone or something

synonym: equality, standard, balance

(1) above **par** performance, (2) not up to **par**

Shares in the company finally fell below their **par** value.

planet

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

synonym : earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**

Mercury is the closest **planet** to the sun.

attract

v. to draw or entice someone or something towards them through the qualities they have, especially positive ones

synonym : lure, entice, draw in

(1) **attract** attention, (2) **attract** customers

The government is eager to **attract** international investment.

packaging

n. the process, materials, or container used to wrap or contain a product for distribution, storage, or sale; the design or appearance of a product's packaging

synonym : wrapping, packing, boxing

(1) **packaging** materials, (2) biodegradable **packaging**

The **packaging** for the fragile items was made of sturdy materials and could withstand rough handling during shipping.

toy

n. a thing, typically a small model or replica of something that is played with, especially by children

synonym : plaything, game, trinket

(1) **toy** store, (2) **toy** box

He gave his daughter a new **toy** for her birthday.

roll

v. to move in a particular direction by turning over and over or from side to side

synonym : spin, swirl, wheel

(1) **roll** a ball, (2) **roll** down his cheeks

He was exhausted and **rolled** into bed as soon as he got home.

mud

n. a soft, wet, sticky earth or clay

synonym : muck, sludge, ooze

(1) **mud** wall, (2) **mud** volcano

The **mud** of the swamp made it difficult to walk through the field.

cow

n. a domesticated mammal with characteristic features such as a hump, large udders, and curved horns that is raised for its milk or meat

synonym: bovine, cattle, kine

(1) **cow** herd, (2) dairy **cow**

The farmer milked the **cows** every morning before breakfast.

graze

v. to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping

synonym: nibble, feed, scrape

(1) turn cattle out to **graze**, (2) **graze** the left shoulder

The sheep **graze** on the green grass in the meadow.

discovery

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

synonym: finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important **discovery**.

documentary

n. a film or a radio or television program that gives facts and information about a subject; of or derived from official documents

synonym: film, broadcast, doco

(1) a **documentary** film, (2) **documentary** proof

He won an award for that short **documentary**.

industrialize

v. to organize the production of something into an industry

synonym: motorize

(1) **industrialize** service, (2) **industrialized** textile production

The nations of South East Asia will quickly **industrialize** and catch up with the West.

genetically

adv. in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity

synonym : hereditary, inherited, family-related

(1) **genetically** inherited traits, (2) **genetically** manipulated plant

The **genetically** modified crops were resistant to pests and required less water.

engineer

n. a person whose job is designing, building, or maintaining something such as machines, structures, or software

synonym : architect, creator, builder

(1) a civil **engineer**, (2) **engineer** shortage

The **engineer** will repair my telephone tomorrow morning.

seed

n. a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant

synonym : germ, kernel, ovule

(1) a **seed** coat, (2) **seed** money

He planted the **seed** in the soil and waited for it to sprout.

organism

n. a tiny living thing

synonym : being, creature

(1) aerobic **organism**, (2) group of **organisms**

A diversified plant species generally enhances beneficial **organism** populations.

manipulate

v. to influence or control something or someone to your advantage, often in an unfair or dishonest way

synonym : control, exploit, abuse

(1) **manipulate** figures, (2) vulnerable to **manipulate**

Please tell me how to **manipulate** this computer.

laboratory

n. a workplace for doing scientific research or teaching science; a lab

synonym : lab, workshop, testing room

(1) **laboratory** accident, (2) anthropology **laboratory**

Animal protection groups call for an end to animal testing in a **laboratory**.

intent

n. a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something

synonym : purpose, aim, goal

(1) the **intent** of a question, (2) **intent** gaze

The designer's **intent** was to create a minimalist aesthetic for the interior of the building.

creepy

adj. causing an uneasy feeling of fear or unease

synonym : eerie, unsettling, spooky

(1) feel **creepy**, (2) **creepy** atmosphere

The old, abandoned house was **creepy** and gave me the chills.

cancer

n. abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

synonym : tumor, carcinoma, malignancy

(1) **cancer** diagnosis, (2) **cancer** research

Breast **cancer** is the most common type of cancer in women.

lab

n. a workplace for the conduct of scientific research; a laboratory

synonym : workshop, laboratory, research chamber

(1) **lab** instrument, (2) medical **lab**

The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

folk

n. people in general, especially those of a particular group or type

synonym: community, family, person

(1) **folk** art, (2) the **folk** songs of a particular district

Some seaweed was used as **folk** medicine in ancient times.

develop

v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

synonym: evolve, progress, advance

(1) **develop** a strategy, (2) **develop** a skill

We must **develop** a new system to streamline our workflow and increase efficiency.

liver

n. a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins

(1) **liver** disease, (2) fatty **liver**

The patient will undergo **liver** transplant surgery tomorrow.

kidney

n. either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine

(1) an artificial **kidney**, (2) chronic **kidney** disease

The surgeon removed the healthy **kidney** from the donor.

toxic

adj. of or relating to or caused by a poison; poisonous

synonym: poisonous, harmful, contaminated

(1) **toxic** molecule, (2) exposure to **toxic** chemicals

This chemical compound is a thousand-fold more **toxic**.

inflammation

n. a physical condition in which a part of the body becomes red, painful, hot, and often swollen, especially as a reaction to infection or injury

synonym: rash, hives, irritation

(1) reduce **inflammation** and pain, (2) **inflammation** of the lungs

The medicine soothes the pain of chronic **inflammation**.

lesion

n. a damaged or abnormal area of tissue in the body, usually caused by injury or disease

synonym: injury, wound, damage

(1) muscle **lesion**, (2) brain **lesion**

The doctor examined the **lesion** on the patient's skin to determine if it was cancerous.

alter

v. to cause to change or make different

synonym: change, vary, adjust

(1) **alter** a decision, (2) **alter** data in a file

The design of the webpage has **altered** slightly.

conventional

adj. based on or following traditional rules, standards, customs, etc.

synonym: ancestral, customary, established

(1) a **conventional** style, (2) get a **conventional** loan

She is very **conventional** in her thoughts.

chemical

adj. relating to or connected with chemistry;

synonym: chemic, synthetic

(1) toxic **chemicals**, (2) a **chemical** compound

The firm has grown into a large **chemical** manufacturing.

fertilizer

n. a natural or chemical substance added to soil to make plants grow more successfully

synonym: manure

(1) a chemical **fertilizer**, (2) nonsynthetic **fertilizer**

Nitrogen fixation by the Haber-Bosch method leads to the mass production of **fertilizers**.

fossil

n. any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

synonym: relic, remnant, antediluvian

(1) burning of **fossil** fuels, (2) a **fossil** leaf

It was the **fossil** of a dinosaur tooth.

fuel

n. a substance that is typically burned to generate heat or energy

synonym: energy, power, gas

(1) biomass **fuel**, (2) smokeless **fuel**

The **fuel** scarcity most severely impacted the manufacturing sector

dirt

n. soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock

synonym: filth, grime, muck

(1) **dirt** road, (2) **dirt** track

The garden was filled with **dirt** and needed to be tilled before planting.

strip

v. to remove the surface from something; (noun) a sizeable narrow piece of something such as paper, metal, cloth, etc., or area of land, sea, etc.

synonym: deprive, undress, (noun) ribbon

(1) **strip** a tire off, (2) coast **strip**

The doctor advised him to **strip** down for a check.

soil

n. the top layer of Earth in which plants grow

synonym: earth, ground, mud

(1) **soils** retentive of moisture, (2) parched **soil**

Soil moisture is another significant component controlling soil respiration.

nutrient

n. any substance that is essential for the maintenance and growth of living things

synonym: food, vitamin

(1) **nutrient** medicine, (2) a **nutrient** for hair

They used fast-acting **nutrients** on the flowers in the flower

beds.

crop

n. a plant that is cultivated in large amounts, particularly for food

synonym: output, produce, product

(1) **crop** field, (2) **crop** herbicide

Sow early for an early **crop**.

harmful

adj. causing or likely to damage or injury to somebody or something,

synonym: damaging, detrimental, toxic

(1) **harmful** effects of smoking, (2) exposure to **harmful** chemicals

Wear a mask when using this chemical to avoid inhaling **harmful** fumes.

spray

n. a fine mist of liquid that is dispersed into the air; flower arrangement consisting of a single branch or shoot bearing flowers and foliage

synonym: mist, aerosol, atomizer

(1) a **spray** of mist, (2) an insect **spray**

The artist used a **spray** paint can to create a graffiti mural on the wall.

pesticide

n. a substance used for preventing, destroying, repelling, or mitigating any pest

synonym: insecticide, herbicide, fungicide

(1) **pesticide** application, (2) **pesticide** residue

The farmer sprayed **pesticide** on his crops to protect them from insects.

herbicide

n. a substance used to kill or control the growth of unwanted plants

synonym: weedkiller, pesticide, chemical

(1) banned **herbicide**, (2) **herbicide** resistance

The farmer sprayed **herbicide** on his crops to kill weeds.

weed

n. a wild plant growing where it is not wanted and in competition with cultivated plants

synonym : plant, grass, shrub

(1) pull up a **weed**, (2) **weed** management

The garden was full of **weeds** that needed to be pulled.

bug

n. any tiny insect; a fault or defect in a computer program, system, or machine

synonym : insect, bacterium, microbe

(1) **bug** bites, (2) number of **bug** fixes

I found a stink **bug** crawling across the ceiling.

seep

v. to flow or leak slowly and gradually through small openings or spaces; to ooze or trickle out gradually

synonym : leak, ooze, trickle

(1) **seep** cool and moist air, (2) **seep** into paper

The rain began to **seep** through the roof, causing damage to the walls and floors.

poison

n. a substance that can cause illness, injury, or death when ingested, inhaled, or absorbed through the skin; something harmful, malicious, or toxic; the act of damaging or ruining a relationship; (verb) to introduce a substance into something or someone harmful and potentially deadly

synonym : toxin, venom, pollutant

(1) **poison** ivy, (2) **poison** bilateral relations

The plant's leaves contain a deadly **poison** that can cause hallucinations and seizures.

irradiate

v. to expose or subject something to radiation or intense light, often for sterilization or treatment; to emit or give off rays of light or energy; to illuminate or make something clear or evident

synonym : radiate, beam, emit

(1) **irradiate** the atmosphere, (2) **irradiate** a tumor

The nuclear power plant was designed to **irradiate** the

uranium rods to produce energy.

movement

n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

synonym: motion, progression, action

(1) a circular **movement**, (2) **movement** of troops

The **movement** of the dancers on stage was graceful and elegant.

decide

v. to make up someone's mind about something; to come to a conclusion or judgment after considering options

synonym: choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action

She couldn't **decide** whether to order the pizza or the pasta for dinner.

organic

adj. of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

synonym: biological

(1) **organic** soils, (2) eat **organic** food

The kidney is an **organic** component of the body.

lunatic

n. a person who is considered mentally ill, especially one who is extremely irrational or unpredictable; a crazy or foolish person

synonym: maniac, crazy, insane

(1) raving **lunatic**, (2) a lone **lunatic**

The politician's outrageous comments made him appear like a **lunatic** to his opponents.

modify

v. to change something slightly, such as a plan, option, law, etc., especially to make it more suitable for a particular purpose

synonym: adjust, alter, revise

(1) genetically **modify** food, (2) **modify** my behavior
We use adverbs to **modify** verbs and adjectives.

crazy

adj. stupid or not sensible; very angry

synonym: insane, absurd, bizarre

(1) **crazy** about cars and racing, (2) a **crazy** scheme
The rain and thunder are **crazy** today.

definitely

adv. without any question and beyond doubt; clearly

synonym: absolutely, certainly, indeed

(1) **definitely** become a problem, (2) say **definitely**
The paper is **definitely** worth reading thoroughly.

keen

adj. having or showing quick and eager intelligence or interest

synonym: eager, enthusiastic, ardent

(1) **keen** interest, (2) **keen** observation

He was **keen** to learn more about the subject and attended every lecture.

cove

n. a small sheltered bay or inlet, typically rocky and steep-sided; a small strip of land jutting into the sea

synonym: inlet, bay, indentation

(1) **cove** beach, (2) rocky **cove**

The kayakers paddled into the little **cove** to explore its hidden beauty.

volunteer

n. a person who performs or offers to perform a job or service without being paid for or forced to do

synonym: unpaid worker, draftee, enlistee

(1) seek **volunteers**, (2) my **volunteer** work

The teachers make full use of **volunteer** assistance.

communal

adj. belonging to or used by a group rather than individuals; for common use

synonym: collaborative, combined, collective

(1) **communal** swimming pool, (2) **communal** combination of funds

Communal elections were held in several European countries.

kale

n. a type of leafy green vegetable that belongs to the cabbage family, often eaten raw in salads or cooked as a side dish

synonym: collard greens, cabbage, broccoli

(1) **kale** salad, (2) baked **kale** chips

I like to add chopped **kale** to my smoothies for an extra boost of nutrition.

chip

n. a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat

synonym: flake, fragment, chunk

(1) a **chip** of wood, (2) I don't care a **chip**

We can use this campaign as a bargaining **chip** in the negotiations.

cousin

n. the child of your aunt or uncle

synonym: relative

(1) cross- **cousin** marriage, (2) **cousin's** family

I used to play with my younger male **cousins** when I was a little girl.

cereal

n. a type of grain used for food, such as wheat, oats, or corn that is typically ground into flour, cooked into porridge, or used to make breakfast cereals

synonym: grain, oatmeal, breakfast food

(1) **cereal** grain, (2) cold **cereal**

I always start my morning with a bowl of **cereal**.

flake

n. a small, thin piece or layer of something, often with a flat or irregular shape; a person who is unreliable or inconsistent

synonym: chip, bit, shred

(1) **flakes** of snow, (2) **flake** graphite

She found a paint **flake** on the wall and realized it was time to repaint the room.

stripe

n. a long, narrow band of a different color or texture than the surface on which it appears

synonym: line, band, streak

(1) a white **stripe**, (2) **stripe** texture

The plates have a blue **stripe** around the edge.

cartoon

n. a simple drawing depicting a humorous or critical situation, often accompanied by a caption

synonym: illustration, drawing, caricature

(1) **cartoon** character, (2) **cartoon** industry

He spent his afternoon watching **cartoon** movies on TV.

sparkle

v. to emit or reflect bright flashes of light, especially with animation and joy

synonym: shine, glimmer, twinkle

(1) **sparkle** like a gem, (2) **sparkle** from receiving light

The diamond **sparkled** in the sunlight.

grocery

n. a shop that sells food and other household items

synonym: foodstuff, market

(1) the **grocery** business, (2) run a **grocery**

I will go to the **grocery** store to buy food for dinner.

Session 2: Spelling

1. k__e salad
n. a type of leafy green vegetable that belongs to the cabbage family, often eaten raw in salads or cooked as a side dish
2. my vo_____er work
n. a person who performs or offers to perform a job or service without being paid for or forced to do
3. biodegradable pa_____ng
n. the process, materials, or container used to wrap or contain a product for distribution, storage, or sale; the design or appearance of a product's packaging
4. en_____er shortage
n. a person whose job is designing, building, or maintaining something such as machines, structures, or software
5. cold ce___l
n. a type of grain used for food, such as wheat, oats, or corn that is typically ground into flour, cooked into porridge, or used to make breakfast cereals
6. a cr__y scheme
adj. stupid or not sensible; very angry
7. man_____te figures
v. to influence or control something or someone to your advantage, often in an unfair or dishonest way
8. pa_____ng materials
n. the process, materials, or container used to wrap or contain a product for distribution, storage, or sale; the design or appearance of a product's packaging

ANSWERS: 1. kale, 2. volunteer, 3. packaging, 4. engineer, 5. cereal, 6. crazy, 7. manipulate, 8. packaging

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|----------------------------------|--|
| 9. m_d wall | <i>n.</i> a soft, wet, sticky earth or clay |
| 10. group of or ____s | <i>n.</i> a tiny living thing |
| 11. nonsynthetic fer _____er | <i>n.</i> a natural or chemical substance added to soil to make plants grow more successfully |
| 12. al__r a decision | <i>v.</i> to cause to change or make different |
| 13. gen_____ly manipulated plant | <i>adv.</i> in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity |
| 14. ir_____te the atmosphere | <i>v.</i> to expose or subject something to radiation or intense light, often for sterilization or treatment; to emit or give off rays of light or energy; to illuminate or make something clear or evident |
| 15. mo___y my behavior | <i>v.</i> to change something slightly, such as a plan, option, law, etc., especially to make it more suitable for a particular purpose |
| 16. po___n bilateral relations | <i>n.</i> a substance that can cause illness, injury, or death when ingested, inhaled, or absorbed through the skin; something harmful, malicious, or toxic; the act of damaging or ruining a relationship; (verb) to introduce a substance into something or someone harmful and potentially deadly |
| 17. ca_____n industry | <i>n.</i> a simple drawing depicting a humorous or critical situation, often accompanied by a caption |

ANSWERS: 9. mud, 10. organism, 11. fertilizer, 12. alter, 13. genetically, 14. irradiate, 15. modify, 16. poison, 17. cartoon

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| 18. a white st___e | n. a long, narrow band of a different color or texture than the surface on which it appears |
| 19. inf_____ion of the lungs | n. a physical condition in which a part of the body becomes red, painful, hot, and often swollen, especially as a reaction to infection or injury |
| 20. d__t road | n. soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock |
| 21. fl__e graphite | n. a small, thin piece or layer of something, often with a flat or irregular shape; a person who is unreliable or inconsistent |
| 22. at_____t customers | v. to draw or entice someone or something towards them through the qualities they have, especially positive ones |
| 23. toxic ch_____als | <i>adj.</i> relating to or connected with chemistry; |
| 24. at_____t attention | v. to draw or entice someone or something towards them through the qualities they have, especially positive ones |
| 25. ad_____se the campaign | v. to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it |
| 26. pull up a w__d | n. a wild plant growing where it is not wanted and in competition with cultivated plants |

ANSWERS: 18. stripe, 19. inflammation, 20. dirt, 21. flake, 22. attract, 23. chemical, 24. attract, 25. advertise, 26. weed

27. co___n's family *n.* the child of your aunt or uncle
28. a s__d coat *n.* a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant
29. al__r data in a file *v.* to cause to change or make different
30. or____c soils *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals
31. chronic ki___y disease *n.* either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
32. ha____l effects of smoking *adj.* causing or likely to damage or injury to somebody or something,
33. coast st__p *v.* to remove the surface from something; (noun) a sizeable narrow piece of something such as paper, metal, cloth, etc., or area of land, sea, etc.
34. a nu____nt for hair *n.* any substance that is essential for the maintenance and growth of living things
35. t_y box *n.* a thing, typically a small model or replica of something that is played with, especially by children
36. a doc____ry film *n.* a film or a radio or television program that gives facts and information about a subject; of or derived from official documents

ANSWERS: 27. cousin, 28. seed, 29. alter, 30. organic, 31. kidney, 32. harmful, 33. strip, 34. nutrient, 35. toy, 36. documentary

37. get a con_____nal loan *adj.* based on or following traditional rules, standards, customs, etc.
38. medical l_b *n.* a workplace for the conduct of scientific research; a laboratory
39. a c__p of wood *n.* a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
40. am__e and entertain visitors *v.* to fill with wonder, surprise, or admiration
41. pe_____de residue *n.* a substance used for preventing, destroying, repelling, or mitigating any pest
42. a lone lu_____c *n.* a person who is considered mentally ill, especially one who is extremely irrational or unpredictable; a crazy or foolish person
43. gr__e the left shoulder *v.* to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping
44. ind_____ize service *v.* to organize the production of something into an industry
45. a chemical fer_____er *n.* a natural or chemical substance added to soil to make plants grow more successfully
46. banned he_____de *n.* a substance used to kill or control the growth of unwanted plants
47. raving lu_____c *n.* a person who is considered mentally ill, especially one who is extremely irrational or unpredictable; a crazy or foolish person

ANSWERS: 37. conventional, 38. lab, 39. chip, 40. amaze, 41. pesticide, 42. lunatic, 43. graze, 44. industrialize, 45. fertilizer, 46. herbicide, 47. lunatic

48. parched s__l *n.* the top layer of Earth in which plants grow
49. run a gr____y *n.* a shop that sells food and other household items
50. an insect sp__y *n.* a fine mist of liquid that is dispersed into the air; flower arrangement consisting of a single branch or shoot bearing flowers and foliage
51. dairy c_w *n.* a domesticated mammal with characteristic features such as a hump, large udders, and curved horns that is raised for its milk or meat
52. f__k art *n.* people in general, especially those of a particular group or type
53. a ch____al compound *adj.* relating to or connected with chemistry;
54. nu____nt medicine *n.* any substance that is essential for the maintenance and growth of living things
55. a circular mo____nt *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
56. exposure to to__c chemicals *adj.* of or relating to or caused by a poison; poisonous
57. lab____ry accident *n.* a workplace for doing scientific research or teaching science; a lab
58. exposure to ha____l chemicals *adj.* causing or likely to damage or injury to somebody or something,

ANSWERS: 48. soil, 49. grocery, 50. spray, 51. cow, 52. folk, 53. chemical, 54. nutrient, 55. movement, 56. toxic, 57. laboratory, 58. harmful

59. sp____e from receiving light *v.* to emit or reflect bright flashes of light, especially with animation and joy
60. ca____n character *n.* a simple drawing depicting a humorous or critical situation, often accompanied by a caption
61. say def_____ly *adv.* without any question and beyond doubt; clearly
62. genetically mo____y food *v.* to change something slightly, such as a plan, option, law, etc., especially to make it more suitable for a particular purpose
63. seek vo_____ers *n.* a person who performs or offers to perform a job or service without being paid for or forced to do
64. li__r disease *n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
65. burning of fo____l fuels *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
66. r__l down his cheeks *v.* to move in a particular direction by turning over and over or from side to side
67. aerobic or_____sm *n.* a tiny living thing
68. def_____ly become a problem *adv.* without any question and beyond doubt; clearly
69. eat or____c food *adj.* of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

ANSWERS: 59. sparkle, 60. cartoon, 61. definitely, 62. modify, 63. volunteer, 64. liver, 65. fossil, 66. roll, 67. organism, 68. definitely, 69. organic

70. co____al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
71. I don't care a c__p *n.* a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
72. co____al combination of funds *adj.* belonging to or used by a group rather than individuals; for common use
73. an artificial ki___y *n.* either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
74. st__p a tire off *v.* to remove the surface from something; (noun) a sizeable narrow piece of something such as paper, metal, cloth, etc., or area of land, sea, etc.
75. ind_____ized textile production *v.* to organize the production of something into an industry
76. doc_____ry proof *n.* a film or a radio or television program that gives facts and information about a subject; of or derived from official documents
77. ca___r diagnosis *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
78. ad_____se on social media *v.* to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it

ANSWERS: 70. communal, 71. chip, 72. communal, 73. kidney, 74. strip, 75. industrialize, 76. documentary, 77. cancer, 78. advertise

79. a con_____nal style *adj.* based on or following traditional rules, standards, customs, etc.
80. s__p cool and moist air *v.* to flow or leak slowly and gradually through small openings or spaces; to ooze or trickle out gradually
81. he_____de resistance *n.* a substance used to kill or control the growth of unwanted plants
82. muscle le___n *n.* a damaged or abnormal area of tissue in the body, usually caused by injury or disease
83. mo_____nt of troops *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
84. de___e on a course of action *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
85. k__n interest *adj.* having or showing quick and eager intelligence or interest
86. feel cr___y *adj.* causing an uneasy feeling of fear or unease
87. the in___t of a question *n.* a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something
88. a sp__y of mist *n.* a fine mist of liquid that is dispersed into the air; flower arrangement consisting of a single branch or shoot bearing flowers and foliage

ANSWERS: 79. conventional, 80. seep, 81. herbicide, 82. lesion, 83. movement, 84. decide, 85. keen, 86. creepy, 87. intent, 88. spray

89. t_y store *n.* a thing, typically a small model or replica of something that is played with, especially by children
90. k__n observation *adj.* having or showing quick and eager intelligence or interest
91. pl___t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
92. ce___l grain *n.* a type of grain used for food, such as wheat, oats, or corn that is typically ground into flour, cooked into porridge, or used to make breakfast cereals
93. smokeless f__l *n.* a substance that is typically burned to generate heat or energy
94. the gr_____y business *n.* a shop that sells food and other household items
95. s__d money *n.* a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant
96. l_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
97. save the pl___t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
98. w__d management *n.* a wild plant growing where it is not wanted and in competition with cultivated plants

ANSWERS: 89. toy, 90. keen, 91. planet, 92. cereal, 93. fuel, 94. grocery, 95. seed, 96. lab, 97. planet, 98. weed

99. biomass f__l	<i>n.</i> a substance that is typically burned to generate heat or energy
100. c__p field	<i>n.</i> a plant that is cultivated in large amounts, particularly for food
101. gen_____ly inherited traits	<i>adv.</i> in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
102. cr__y about cars and racing	<i>adj.</i> stupid or not sensible; very angry
103. vulnerable to man_____te	<i>v.</i> to influence or control something or someone to your advantage, often in an unfair or dishonest way
104. ca___r research	<i>n.</i> abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
105. cr___y atmosphere	<i>adj.</i> causing an uneasy feeling of fear or unease
106. ir_____te a tumor	<i>v.</i> to expose or subject something to radiation or intense light, often for sterilization or treatment; to emit or give off rays of light or energy; to illuminate or make something clear or evident
107. anthropology lab_____ry	<i>n.</i> a workplace for doing scientific research or teaching science; a lab
108. r__l a ball	<i>v.</i> to move in a particular direction by turning over and over or from side to side

ANSWERS: 99. fuel, 100. crop, 101. genetically, 102. crazy, 103. manipulate, 104. cancer, 105. creepy, 106. irradiate, 107. laboratory, 108. roll

109. rocky c__e *n.* a small sheltered bay or inlet, typically rocky and steep-sided; a small strip of land jutting into the sea
110. in___t gaze *n.* a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something
111. b_g bites *n.* any tiny insect; a fault or defect in a computer program, system, or machine
112. c__e beach *n.* a small sheltered bay or inlet, typically rocky and steep-sided; a small strip of land jutting into the sea
113. the f__k songs of a particular district *n.* people in general, especially those of a particular group or type
114. to__c molecule *adj.* of or relating to or caused by a poison; poisonous
115. above p_r performance *n.* a state of being equal to someone or something
116. a public cor_____on *n.* a large company or group of companies that are controlled together by law as a single unit
117. po___n ivy *n.* a substance that can cause illness, injury, or death when ingested, inhaled, or absorbed through the skin; something harmful, malicious, or toxic; the act of damaging or ruining a relationship; (verb) to introduce a substance into something or someone harmful and potentially deadly

ANSWERS: 109. cove, 110. intent, 111. bug, 112. cove, 113. folk, 114. toxic, 115. par, 116. corporation, 117. poison

118. baked k__e chips *n.* a type of leafy green vegetable that belongs to the cabbage family, often eaten raw in salads or cooked as a side dish
119. pe_____de application *n.* a substance used for preventing, destroying, repelling, or mitigating any pest
120. c_w herd *n.* a domesticated mammal with characteristic features such as a hump, large udders, and curved horns that is raised for its milk or meat
121. de_____p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
122. s__p into paper *v.* to flow or leak slowly and gradually through small openings or spaces; to ooze or trickle out gradually
123. st___e texture *n.* a long, narrow band of a different color or texture than the surface on which it appears
124. fatty li__r *n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
125. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

ANSWERS: 118. kale, 119. pesticide, 120. cow, 121. develop, 122. seep, 123. stripe, 124. liver, 125. discovery

126. fl__es of snow *n.* a small, thin piece or layer of something, often with a flat or irregular shape; a person who is unreliable or inconsistent
127. number of b_g fixes *n.* any tiny insect; a fault or defect in a computer program, system, or machine
128. sp_____e like a gem *v.* to emit or reflect bright flashes of light, especially with animation and joy
129. de_____p a skill *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
130. s__ls retentive of moisture *n.* the top layer of Earth in which plants grow
131. am__e everyone *v.* to fill with wonder, surprise, or admiration
132. a fo___l leaf *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
133. a civil en_____er *n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
134. m_d volcano *n.* a soft, wet, sticky earth or clay
135. de___e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
136. cross-co___n marriage *n.* the child of your aunt or uncle

ANSWERS: 126. flake, 127. bug, 128. sparkle, 129. develop, 130. soil, 131. amaze, 132. fossil, 133. engineer, 134. mud, 135. decide, 136. cousin

137. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
138. d__t track *n.* soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock
139. reduce inf_____ion and pain *n.* a physical condition in which a part of the body becomes red, painful, hot, and often swollen, especially as a reaction to infection or injury
140. turn cattle out to gr__e *v.* to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping
141. c__p herbicide *n.* a plant that is cultivated in large amounts, particularly for food
142. brain le___n *n.* a damaged or abnormal area of tissue in the body, usually caused by injury or disease
143. cor_____on assets *n.* a large company or group of companies that are controlled together by law as a single unit
144. not up to p_r *n.* a state of being equal to someone or something

ANSWERS: 137. discovery, 138. dirt, 139. inflammation, 140. graze, 141. crop, 142. lesion, 143. corporation, 144. par

Session 3: Fill in the Blanks

1. Her research team made an important _____.
n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

2. I always start my morning with a bowl of _____.
n. a type of grain used for food, such as wheat, oats, or corn that is typically ground into flour, cooked into porridge, or used to make breakfast cereals

3. He was _____ to learn more about the subject and attended every lecture.
adj. having or showing quick and eager intelligence or interest

4. The firm has grown into a large _____ manufacturing.
adj. relating to or connected with chemistry;

5. The old, abandoned house was _____ and gave me the chills.
adj. causing an uneasy feeling of fear or unease

6. The _____ of the dancers on stage was graceful and elegant.
n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

7. The farmer sprayed _____ on his crops to protect them from insects.
n. a substance used for preventing, destroying, repelling, or mitigating any pest

8. The rain and thunder are _____ today.
adj. stupid or not sensible; very angry

ANSWERS: 1. discovery, 2. cereal, 3. keen, 4. chemical, 5. creepy, 6. movement, 7. pesticide, 8. crazy

9. Four companies were amalgamated into a single _____.
- n.* a large company or group of companies that are controlled together by law as a single unit
10. A diversified plant species generally enhances beneficial _____ populations.
- n.* a tiny living thing
11. The sheep _____ on the green grass in the meadow.
- v.* to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping
12. Some seaweed was used as _____ medicine in ancient times.
- n.* people in general, especially those of a particular group or type
13. It was the _____ of a dinosaur tooth.
- n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
14. She is very _____ in her thoughts.
- adj.* based on or following traditional rules, standards, customs, etc.
15. The teachers make full use of _____ assistance.
- n.* a person who performs or offers to perform a job or service without being paid for or forced to do
16. The plates have a blue _____ around the edge.
- n.* a long, narrow band of a different color or texture than the surface on which it appears

ANSWERS: 9. corporation, 10. organism, 11. graze, 12. folk, 13. fossil, 14. conventional, 15. volunteer, 16. stripe

17. The ____ of the swamp made it difficult to walk through the field.
n. a soft, wet, sticky earth or clay
18. The doctor examined the _____ on the patient's skin to determine if it was cancerous.
n. a damaged or abnormal area of tissue in the body, usually caused by injury or disease
19. The nuclear power plant was designed to _____ the uranium rods to produce energy.
v. to expose or subject something to radiation or intense light, often for sterilization or treatment; to emit or give off rays of light or energy; to illuminate or make something clear or evident
20. Wear a mask when using this chemical to avoid inhaling _____ fumes.
adj. causing or likely to damage or injury to somebody or something,
21. The _____ for the fragile items was made of sturdy materials and could withstand rough handling during shipping.
n. the process, materials, or container used to wrap or contain a product for distribution, storage, or sale; the design or appearance of a product's packaging
22. He spent his afternoon watching _____ movies on TV.
n. a simple drawing depicting a humorous or critical situation, often accompanied by a caption
23. The farmer milked the ____ every morning before breakfast.
n. a domesticated mammal with characteristic features such as a hump, large udders, and curved horns that is raised for its milk or meat

ANSWERS: 17. mud, 18. lesion, 19. irradiate, 20. harmful, 21. packaging, 22. cartoon, 23. cows

24. The Prime Minister will pay a courtesy visit to the Nobel laureate's ____.
- n.* a workplace for the conduct of scientific research; a laboratory
25. The garden was filled with ____ and needed to be tilled before planting.
- n.* soil, dust, or any substance that makes a surface not clean; the part of the earth's surface consisting of humus and disintegrated rock
26. I found a stink ____ crawling across the ceiling.
- n.* any tiny insect; a fault or defect in a computer program, system, or machine
27. The design of the webpage has _____ slightly.
- v.* to cause to change or make different
28. Mercury is the closest _____ to the sun.
- n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
29. Breast _____ is the most common type of cancer in women.
- n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
30. The nations of South East Asia will quickly _____ and catch up with the West.
- v.* to organize the production of something into an industry
31. He won an award for that short _____.
- n.* a film or a radio or television program that gives facts and information about a subject; of or derived from official documents

ANSWERS: 24. lab, 25. dirt, 26. bug, 27. altered, 28. planet, 29. cancer, 30. industrialize, 31. documentary

32. The doctor advised him to _____ down for a check.
- v.* to remove the surface from something; (noun) a sizeable narrow piece of something such as paper, metal, cloth, etc., or area of land, sea, etc.
33. Animal protection groups call for an end to animal testing in a _____.
- n.* a workplace for doing scientific research or teaching science; a lab
34. The kayakers paddled into the little _____ to explore its hidden beauty.
- n.* a small sheltered bay or inlet, typically rocky and steep-sided; a small strip of land jutting into the sea
35. Sow early for an early _____.
- n.* a plant that is cultivated in large amounts, particularly for food
36. The designer's _____ was to create a minimalist aesthetic for the interior of the building.
- n.* a strong determination or attention to do or achieve something; (adjective) having a strong determination to do or achieve something
37. He planted the _____ in the soil and waited for it to sprout.
- n.* a small, hard, often round, a reproductive structure that contains a plant's genetic material and is capable of growing into a new plant
38. The _____ will repair my telephone tomorrow morning.
- n.* a person whose job is designing, building, or maintaining something such as machines, structures, or software
39. He was exhausted and _____ into bed as soon as he got home.
- v.* to move in a particular direction by turning over and over or from side to side

ANSWERS: 32. strip, 33. laboratory, 34. cove, 35. crop, 36. intent, 37. seed, 38. engineer, 39. rolled

40. The medicine soothes the pain of chronic _____.
- n.* a physical condition in which a part of the body becomes red, painful, hot, and often swollen, especially as a reaction to infection or injury
41. Nitrogen fixation by the Haber-Bosch method leads to the mass production of _____.
- n.* a natural or chemical substance added to soil to make plants grow more successfully
42. She couldn't _____ whether to order the pizza or the pasta for dinner.
- v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
43. I used to play with my younger male _____ when I was a little girl.
- n.* the child of your aunt or uncle
44. The patient will undergo _____ transplant surgery tomorrow.
- n.* a large organ in the body, involved in many metabolic processes, such as detoxification of the organism, and the synthesis of proteins
45. The paper is _____ worth reading thoroughly.
- adv.* without any question and beyond doubt; clearly
46. The diamond _____ in the sunlight.
- v.* to emit or reflect bright flashes of light, especially with animation and joy
47. _____ elections were held in several European countries.
- adj.* belonging to or used by a group rather than individuals; for common use

ANSWERS: 40. inflammation, 41. fertilizers, 42. decide, 43. cousins, 44. liver, 45. definitely, 46. sparkled, 47. Communal

48. _____ moisture is another significant component controlling soil respiration.
n. the top layer of Earth in which plants grow
49. The _____ modified crops were resistant to pests and required less water.
adv. in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
50. The politician's outrageous comments made him appear like a _____ to his opponents.
n. a person who is considered mentally ill, especially one who is extremely irrational or unpredictable; a crazy or foolish person
51. Please tell me how to _____ this computer.
v. to influence or control something or someone to your advantage, often in an unfair or dishonest way
52. The garden was full of _____ that needed to be pulled.
n. a wild plant growing where it is not wanted and in competition with cultivated plants
53. Shares in the company finally fell below their ____ value.
n. a state of being equal to someone or something
54. The government is eager to _____ international investment.
v. to draw or entice someone or something towards them through the qualities they have, especially positive ones
55. The plant's leaves contain a deadly _____ that can cause hallucinations and seizures.
n. a substance that can cause illness, injury, or death when ingested, inhaled, or absorbed through the skin; something harmful, malicious, or toxic; the act of damaging or ruining a relationship; (verb) to introduce a substance into something or someone harmful and potentially deadly

ANSWERS: 48. Soil, 49. genetically, 50. lunatic, 51. manipulate, 52. weeds, 53. par,

54. attract, 55. poison

56. We can use this campaign as a bargaining _____ in the negotiations.
n. a small fragment of something broken off from the whole; a long and thin piece of potato fried in oil or fat
57. The _____ scarcity most severely impacted the manufacturing sector
n. a substance that is typically burned to generate heat or energy
58. The artist used a _____ paint can to create a graffiti mural on the wall.
n. a fine mist of liquid that is dispersed into the air; flower arrangement consisting of a single branch or shoot bearing flowers and foliage
59. The surgeon removed the healthy _____ from the donor.
n. either of a pair of small organs in the body that filter waste products, especially urea, from the blood and excrete them and water in urine
60. This chemical compound is a thousand-fold more _____.
adj. of or relating to or caused by a poison; poisonous
61. They used fast-acting _____ on the flowers in the flower beds.
n. any substance that is essential for the maintenance and growth of living things
62. The farmer sprayed _____ on his crops to kill weeds.
n. a substance used to kill or control the growth of unwanted plants
63. I like to add chopped _____ to my smoothies for an extra boost of nutrition.
n. a type of leafy green vegetable that belongs to the cabbage family, often eaten raw in salads or cooked as a side dish
64. I will go to the _____ store to buy food for dinner.
n. a shop that sells food and other household items

ANSWERS: 56. chip, 57. fuel, 58. spray, 59. kidney, 60. toxic, 61. nutrients, 62. herbicide, 63. kale, 64. grocery

65. We use adverbs to _____ verbs and adjectives.

- v. to change something slightly, such as a plan, option, law, etc., especially to make it more suitable for a particular purpose

66. We want to _____ our company through your media.

- v. to draw attention to something such as a product, service, or event in public to encourage people to buy, use, or attend it

67. We must _____ a new system to streamline our workflow and increase efficiency.

- v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

68. He gave his daughter a new ____ for her birthday.

- n. a thing, typically a small model or replica of something that is played with, especially by children

69. The rain began to ____ through the roof, causing damage to the walls and floors.

- v. to flow or leak slowly and gradually through small openings or spaces; to ooze or trickle out gradually

70. The magician's tricks _____ the audience.

- v. to fill with wonder, surprise, or admiration

71. The kidney is an _____ component of the body.

- adj. of or derived from biological substance; producing plants and animals for food and other items without the use of synthetic chemicals

72. She found a paint _____ on the wall and realized it was time to repaint the room.

- n. a small, thin piece or layer of something, often with a flat or irregular shape; a person who is unreliable or inconsistent

ANSWERS: 65. modify, 66. advertise, 67. develop, 68. toy, 69. seep, 70. amazed, 71. organic, 72. flake

ANSWERS: